

What is claimed is:

1. A method for representing audio data in a format that can be merged with video data, wherein the audio data includes a sequence of digital audio information elements, the method comprising:

replacing each digital audio information element in the sequence with a corresponding digital color representation from a color palette.

2. The method according to claim 1, wherein the step of replacing includes the steps of:

determining whether a digital color representation has been previously assigned to each digital audio information element;

in the event no digital color representation has been previously assigned to one of the digital audio information elements, assigning a new digital color representation to the one digital audio information element;

placing the new digital color representation in a digital color palette; and

replacing the one digital audio information element with the new digital color representation from the digital color palette; and

in the event another digital color representation was been previously assigned to another digital audio information element corresponding to the one digital audio information element,

replacing the one digital audio information element with the previously assigned another digital color representation from the digital color palette.

3. The method according to claim 2, further including the steps of:

sequentially retrieving each digital color representation corresponding to each digital audio information element;

translating each digital color representation into the corresponding digital audio information element; and

outputting each corresponding digital audio information element in a playback sequence.